

GIJTKA, Jan; PENAR, Stanislaw

~~Nicolas-Favre~~ Durand disease. Polski tygod. lek. 13 no.12:435-439 14
Mar 56.

I. Z Oddz. Wewn. Cent. Szpitala MON Kier: Nauk: prof. M. Kedra i z
II Klin. Chor. A.M. we Wroclawiu; kier: prof. A. Falkiewicz.
(LYMPHOGRANULOMA VENEREUM, case reports (Pol))

GRUSZKA, Stanislaw; PENAR, Stanislaw; KOSMAIA, Urszula

Some anomalies in the clinical course of plasma cell myeloma. Polski
tygod. lek. 16 no.36:1390-1393 4 S '61.

1. Z II Kliniki Chorob Wewnętrznych A.M. we Wrocławiu; kierownik:
prof. dr Antoni Falkiewicz.

(MYELOMA PLASMA CELL case reports)

PENAR, Stanislaw; GRUSZKA, Stanislaw; KOSMALA, Urszula

Contribution to the problem of plasma cell reticuloma. Polskie arch.
med. wewn, 31 no.8:1127-1132 '61.

1. Z II Kliniki Choroób Wewnętrznych AM we Wrocławiu Kierownik: prof.
dr med. A. Falkiewicz.

(MYELOMA PLASMA CELL case reports)

BORON, Piotr; FARNER, Jerzy; KOWALSKI, Edward; KUZMINSKA, Dorota; ~~PENAR,~~
Stanislaw; GRADZKI, Janusz; LANKOSZ, J.

~~Distomiasis of the lungs.~~ Polski tygod.lek.11 no.5:197-207 30 Jan 56.

1.Z Oddzialu Wewnetrznego Szpitala POK w Korei; kierownik oddzialu
doc.med.E.Kowalski; dyr.Szpitala w r.1953 dr med.W.'Wiechno; w.r.1954
dr med.J.Opszacki).Warszawa, Instytut Hematologii, Chocimska 5.

(DISTOMIASIS
lungs)
(LUNGS, dis.
distomiasis)

Abstract : No abstract.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920003-2"

Card 1/1

PENAYEV, D.M.

Surgical correction of a defective nose. Zdrav.Turk. 3 no.2:
22-25 Mr-Apr '59. (MIRA 12:8)

1. Iz kafedry gospiatal'noy khirurgii (zav. -- prof.I.F.Berezin)
Turkmenenskogo gosudarstvennogo meditsinskogo instituta im. I.V.
Stalina.

(NOSE--SURGERY)

PENAYEV, D.N., kand.med.nauk

Plastic restoration of the upper lip in aplasia. Zdrav. Turk. 3
no.4:18-21 J1-Ag '59. (MIRA 13:2)

1. Iz kafedry gosital'noy khirurgii (zaveduyushchiy - prof. I.F.
Berezin) Turkmenskogo gosudarstvennogo meditsinskogo instituta im.
I.V. Stalina.

(HARELIP)

PIENAYEV, D.M., kand.med.nauk

Treatment of perforating peptic ulcer of the stomach and duodenum. Zdrav.Turk. 2 no.5:35-40 S-O '58. (MIRA 12:6)

1. Iz gospi'tal'noy khirurgicheskoy kliniki (zav. - prof. I.F.Berezin) Turkmenskogo gosudarstvennogo meditsinskogo instituta im. I.V.Stalina.

(ALIMENTARY CANAL--SURGERY)

PANAYOTOV, I. M.

USSR/Chemistry

Card 1/1 Pub. 22 - 17/54

Authors : Ivanov, Ch. P., and Panayotov, I. M.

Title : Anti-tubercular biphenyl compounds. Alkyl ethers and hydrazide of 4-amino biphenyl-4'-carboxylic acid

Periodical : Dok. AN SSSR 100/3, 465-468, Jan 21, 1955

Abstract : The synthesis of antitubercular compounds of the biphenyl series is described. Experiments were conducted to determine whether the introduction of the carboxyl and carbalkoxy groups into the 4'-position relative to the amino group in the molecule of 4-aminobiphenyl would in any way affect the antitubercular effect of the compounds. The results obtained are tabulated. Nine references: 1 Bulgarian, 3 Swiss, 1 Italian, 2 German, 1 English and 1 USA (1894-1953). Table.

Institution : The Sofia Chemical Technological and Metallurgical Institute, Sofia, Bulgaria

Presented by : Academician I. N. Nazarov, November 3, 1954

PENAZ, JAN

Navody k praktickym cvicenim z fysiologie. [Vyd. 1.] Praha, Statni pedagogicke nakl., 1952.
Vol. 2. [Instructions for practical exercises in physiology.]

SO: Monthly List of East European Accessions, Vol.3, No.2, Library of Cong., Feb. 1954, Uncl.

PENAZ, Jan

A portable finger plethysmograph. Scripta med., Brno 27 no.7-8:
213-234 1954.

1. Z fysiologickeho ustavu lekarske fakulty MU v Brne; prednosta
prof. MUDr. Vlad Kruta

(BLOOD CIRCULATION,

determ., finger plethysmograph)

(PLETHYSMOGRAPHY, apparatus and instruments

portable finger plethysmograph)

PENAZ, J.

One-stage optic orthochronograph. Cesk. fysiол. 7 no.3:240-241 May 58.

1. Fysiologicky ustav MU, Brno.

(HEART, physiол.

rate, one-stage optic orthochronograph (Cz))

PENAZ, J.

Dynamics of the circulatory waves of the third series in man. Cesk.
fysiol. 7 no.3:241-242 May 58.

1. Fysiologicky ustav MU, Brno.
(PLETHYSMOGRAPHY,
of 3 rhythm (Cz))

PENAZ, J.

~~through the use of the~~

A stimulator with frequency modulation of the impulses. Cesk.
fysiol. 12 no.4:273-278 JI '63.

1. Fysiologický ústav lek. fak. university J.E. Purkyně, Brno.
(AUTONOMIC NERVOUS SYSTEM)
(HEART CONDUCTION SYSTEM)
(ELECTROPHYSIOLOGY)
(EQUIPMENT AND SUPPLIES)

CZECHOSLOVAKIA

PENAZ, J.; Department of Physiology of the Medical Faculty of the University
J.E. Purkyne (Fysiologicky ustav lekarske fakulty university J.E. Purkyne,) Brno.

"Stimulator with Frequency Impulse Modulation."

Prague, Ceskoslovenska Fysiologie, Vol 12, No 4, July 1963; pp 273-278.

Abstract: Complete description with photographs and schematic diagrams of new type of device used primarily as impulse generator in the study of cardiovascular responsivity to autonomic nervous stimuli. Both sides of the reflex arc can be simulated to achieve good understanding of autonomic controls of the system. Two electrical schemata, photograph, 3 impulse patterns; 4 Western and 7 Czech references.

PENAZ, Jan

A simple transistor stimulator. Scr. med. fac. med. Brnen. 35
no.1/2:43-50 '62.

1. Katedra fysiologie lekarske fakulty university J.E.Purkyne v
Brne Vedouci prof. MUDr. Vladislav Kruta.
(PHYSIOLOGY equip & supplies)

PENAZ, Jan

On the origin and significance of circulatory waves of the 3d order.
Scr. med. fac. med. Brunensis 35 no.6/7:263-285 '62.

1. Katedra fysiologie lekarske fakulty University J.E. Purkyne v
Brne. Prednosta prof. MUDr. Vladislav Kruta, DrSc.
(BLOOD CIRCULATION) (EXERTION)
(PULSE) (RESPIRATION)

PENAZOVA, Marta

Results of plethysmographic examination in psoriasis. Cesk. dermat. 36
no.4:238-241 Je '61.

1. Dermatologická klinika University J. Ev. Purkyně v Brně, přednosta
prof. dr. J. Horáček.

(PSORIASIS diag) (PLETHYSMOGRAPHY)

PENAZ, Milan, inz.

Thermal conditions of the Svratka River section below the
Vir Valléy Reservoir. Vodohosp cas 11 no.2:207-210 '63.

1. Laborator pro vyzkum obratlovcu, Ceskoslovenska akademie
ved, Brno.

PENC, Frantisek

The coal district of North Bohemia in the third year of the Five-Year Plan. Uhli 4 no.4:113-114 Ap '62.

1. Reditel, Sdruzeni Severoceskyh hnědouhelných dolu, Most.

PENCEA, I.; HOISIE, Silvia; LASCO, N.; PIROJINSCHI, T.

Research on the antigenic properties of tularin. Arch. roum.
path. exp. microbiol. 23 no.3:649-654 S'63

1. Travail de l'Institut "Dr.I.Cantacuzino"; Filiale de Jassy.

TEODOROVICI, Gr.; BALTEANU, Ecaterina; BERNESCU, Elisabeta; PENCEA, I.; PAVEL,
Mariana

Sensibility of some staphylococcal strains to oleandomycin-tetracycline
(sigmamycin). Microbiologia (Bucur) 6 no.1:59 Ja-F '61.

*

SPINU, I.; PENCEA, I.; HOISIE, Silvia; VASILESCO, Th.; OANA, C.; BUZDUGAN, I.;
SASU, D.

Research on the epidemigenic potential of old tularemia foci.
Arch. roum. path. exp. microbiol. 23 no.3:631-636 S'63

1. Travail de la Direction d'Hygiene et de Protection du Travail
du Ministere de la Sante et des Prevoyances Sociales et de l'Insti-
tut "Dr. I. Cantacuzino", Bucarest.

CANDRHA, P.; GAIGINSCHI, Al.; TEODOROVICI, G.; DUCA, E.; STAVRI, N.;
~~PEUCEA, I.~~ LASCU, N.

Active artificial immunization against tularemia. Rev. igiena
microb. epidem., Bucur. no.4:60-68 Oct-Dec 54.

(TULAREMIA, prev. & control
vacc., comparison of living & killed vaccines, in rats)
(VACCINES AND VACCINATION
tularemia vacc. in rats, comparison of living & killed
vaccines)

PENGEA I.

Practical device for fluorescence microscopy; its use in investigation of the Koch bacillus. Rev. igiena microb. epidem., Bucur. No.2:81-87 Apr-June 54.

1. Lucrare efectuata in Laboratorul de bacteriologie I.M. Iasi.
Director prof. P.Condrea

(MICROSCOPY

fluorescence, of M.tuberc., appar.)

(MYCOBACTERIUM TUBERCULOSIS

microscopy, fluorescence, appar.)

COUNTRY : ROMANIA
 CATEGORY : Analytical Chemistry. Analysis of Inorganic Substances

ABS. JOUR. : RZKhim., No. 1 1960, No. 841

AUTHOR : Ponceff, K. P.

INST. :
 TITLE : Some New Methods of Microdetermination of Potassium

ORIG. PUB. : Rev. chim. (RPR), 1959, 10, No 4, 231-232

ABSTRACT : Two indirect methods of microdetermination of potassium, viz., polarographic and photometric, are described. According to the first method, the excess of the solution of $\text{Na}_3[\text{Co}(\text{NO}_2)_6]$ (45 g of $\text{Na}_3[\text{Co}(\text{NO}_2)_6]$ + 19 g of CH_3COOK + 18 g of CH_3COOH + 120 ml of water + 60 ml of 95% $\text{C}_2\text{H}_5\text{OH}$) is added by drops to 0.2 ml of the analyzed solution containing 30-120 mcg of K.

CARD: 1/6

E-11

CATEGORY :
 ABS. JOUR. : RZKhim., No. 1 1960, No. 841

AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT
 cont'd

: After one hour, the separated precipitate is filtered off through a glass microfilter, washed first with 2 ml of a buffer solution (a mixture of equal volumes of 1% solutions of CH_3COOH and CH_3COONa) and then with 5 ml of 70% $\text{C}_2\text{H}_5\text{OH}$, dissolved in water, acidified with HCl solution and evaporated to dryness. The residue is dissolved in 0.1 n. HNO_3 and 0.1 n. ammoniacal solution of NH_4NO_3 (ground);

*is added

CARD:

2/6

COUNTRY : E
CATEGORY :
ABS. JOUR. : RZKhim., No. 1 1960, No. 841
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : tion of Bi in this precipitate. It was estab-
cont'd lished that, to ensure the constancy of the
composition of the above complex (elimination
of the possibility of hydrolysis), it is neces-
sary to maintain the pH of the medium during
precipitation at ≈ 1 . The analyzed solution
containing 10-100 mcg of K is evaporated to
dryness in a water bath and to the residue
4-5 drops of a freshly prepared solution of

CARD:

4/6

CZECHOSLOVAKIA

PENCEV, V; BERANEK, L.

Institute of Chemical Process Fundamentals of the Czechoslovak Academy of Sciences, Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications,
No 10, 1965, pp 3339-3349 and 3351-3354

"Catalytic Dealkylation of Alkylaromatic Compounds. XIII.
Kinetics of Hydrogenolytic Dealkylation of Isopropyl-
benzene on a Nickel Catalyst."

Pencha
RUMANIA/Microbiology - Microorganisms Pathogenic to
Humans and Animals.

F-5

Abs Jour : Ref Zhur - Biol., No 4, 1958, 14795

Author : Kondrya, Pencha, Teodorovich.

Inst : -

Title : Apparatus for Lyophilization Under Laboratory Conditions.

Orig Pub : Microbiol., parazitol. si epidemiol., 1957, 2, No 3, 251-256.

Abstract : No abstract.

Card 1/1

1. PENCHARO, N. A.

2. USSR (600)

4. Moscow University

7. N. V. Gogol's connection with Moscow University. Vest. Mosk. un. 7 no. 7, 1952.

LEGOTSKI, M.; MARKOVICH, M.; PENCHEK, I.; PENCHEK, S.

Synthesis and polymerization of 3, 3'-bis(chloromethyl)oxacyclobutane.
Zhur.prikl.khim. 34 no.3:640-644 Mr '61. (MIRA 14:5)

1. Institut plasticheskikh mass, g. Varshava.
(Oxetane)

27070
S/080/61/034/003/012/017
A057/A129

15-9203

AUTHORS: Legotski, M., Markovich, M., Penchek, I., Penchek, S.
TITLE: Synthesis and polymerization of 3,3'-bis (chloromethyl)oxacyclobutane
PERIODICAL: Zhurnal prikladnoy khimii, v. 34, no. 3, 1961, 640 - 644

TEXT: In order to develop the most efficient conditions for the synthesis of the monomer 3,3'-bis(chloromethyl) oxacyclobutane and for its polymerization, it was shown that by polymerization in liquid sulfur dioxide a high-molecular polymer ($[\eta] > 1.2$) is obtained even at -10°C (boiling point of SO_2) when BF_3 is used as catalyst. The polymer can be easily purified, contrary to products obtained in organic solvents. The monomer was synthesized by a procedure described also by R. W. Cairnes and V. R. Grassie (Ref. 2: Ind. des Plast. Mod., 11, 9, 26, 1959) as follows: Pentaerythrite tetraacetate was first synthesized by Orthner's method (Ref. 7: Ann. 484, 131 - 154, 1930) using acetic anhydride, or by a method developed by the present authors using acetic acid and pentaerythrite in presence of a cation exchange resin (3 weight %, MK_3 (MK_3) type). The obtained tetraacetate was then converted to the monoacetate of pentaerythrite trichloro-

Card 1/3

Synthesis and polymerization of

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A057/A129

powder which is easily converted to further purification. There is 1 figure, 1 table and 8 references: 2 Soviet-bloc and 6 non-Soviet-bloc.

ASSOCIATION: Institut plasticheskikh mass. Warszawa (Institute for Plastics, Warsaw)

SUBMITTED: September 9, 1960

Table: Effect of temperature on the polymerization rate (yield after 4 hours) and molecular weight of the polymer. Concentration of the monomer $M = 1.88$ mole/l, concentration of the catalyst $BF_3 = 0.06$ mole/l. Legend: (1) temperature of polymerization ($^{\circ}C$), (2) yield (%), (3) characteristic viscosity (for 1% solution of the polymer in cyclohexanone at $40^{\circ}C$) η_{sp}/c .

Температура полимеризации ($^{\circ}C$)	Выход (%)	Характеристическая вязкость η_{sp}^{**}/c
①	②	③
-25	26.0	2.40
-20	36.0	2.00
-15	49.0	1.55
-10	73.0	1.40

Card 3/3

PENCHEK, S. [Penczek, St.]; VANSHEYDT, A.A.

Polymerization and properties of polymers of bicyclic oxetanes.
Part 1. *Vysokom.sped.* 5 no.2:296-301 F '63. (MIRA 16:2)

1. Institut plasticheskikh mass, Varshava i Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Oxetane) (Polymerization)

15.9203

27070
S/080/61/034/003/012/017
A057/A129

AUTHORS: Legotski, M., Markovich, M., Penchek, I., Penchek, S.

TITLE: Synthesis and polymerization of 3,3'-bis (chloromethyl)oxacyclobutane

PERIODICAL: Zhurnal prikladnoy khimii, v. 34, no. 3, 1961, 640 - 644

TEXT: In order to develop the most efficient conditions for the synthesis of the monomer 3,3'-bis(chloromethyl) oxacyclobutane and for its polymerization, it was shown that by polymerization in liquid sulfur dioxide a high-molecular polymer ($[\eta] > 1.2$) is obtained even at -10°C (boiling point of SO_2) when BF_3 is used as catalyst. The polymer can be easily purified, contrary to products obtained in organic solvents. The monomer was synthesized by a procedure described also by R. W. Cairnes and V. R. Grassie (Ref. 2: Ind. des Plast. Mod., 11, 9, 26, 1959) as follows: Pentaerythrite tetraacetate was first synthesized by Orthner's method (Ref. 7: Ann. 484, 131 - 154, 1930) using acetic anhydride, or by a method developed by the present authors using acetic acid and pentaerythrite in presence of a cation exchange resin (3 weight %, MK_3 (MK_3) type). The obtained tetraacetate was then converted to the monoacetate of pentaerythrite trichloro-

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Synthesis and polymerization of

hydride by adding 3 weight % of AlCl_3 (or ZnCl_2) and passing gaseous HCl at a temperature of 195°C . After rectification the product was used to synthesize pentaerythrite trichlorohydrine by mixing with ethanol and β -toluene sulfonic acid, boiling and subsequent distillation. The residue, i.e., trichlorohydrine, was then converted to the monomer 3,3'-bis(chloromethyl)oxacyclobutane with NaOH (or KOH) by methods described by M.M. Koton et al. (Ref. 1: ZhPKh, 33, 1, 182, 1960). Some details concerning synthesis of the monomer were already given by the present authors at the Annual Scientific Conference on Polymers of the Polish Academy of Sciences in Lodz in 1959 (Ref. 3: Tworzywa-Guma-Lakiery, 5, 69, 1960). Immediately before polymerization experiments in a laboratory assembly, the monomer was vacuum-distilled (0.1 torr, $32 - 33^\circ\text{C}$) and a product obtained with a refraction index of n_D^{20} : 1.48582 - 1.48588. Gaseous BF_3 was produced by evaporation of an anisole complex and it was introduced into the monomer which was dissolved in liquid SO_2 (thoroughly dried before use) using nitrogen gas as carrier. The general mechanism in the change of the molecular weight of the polymer during polycondensation in liquid SO_2 corresponds (see Table) to values obtained by J. Rose (Ref. 4: J. Chem. Soc., 542 (1956), A. Farthing (Ref. 5: J. Chem. Soc., 3648, 1955) and M. M. Koton et al. (Ref. 1). The obtained product is a loose

Card 2/3

Synthesis and polymerization of

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A057/A129

powder which is easily converted to further purification. There is 1 figure, 1 table and 8 references: 2 Soviet-bloc and 6 non-Soviet-bloc.

ASSOCIATION: Institut plasticheskikh mass. Warszawa (Institute for Plastics, Warsaw)

SUBMITTED: September 9, 1960

Table: Effect of temperature on the polymerization rate (yield after 4 hours) and molecular weight of the polymer. Concentration of the monomer $M = 1.88$ mole/l, concentration of the catalyst $BF_3 = 0.06$ mole/l. Legend: (1) temperature of polymerization ($^{\circ}C$), (2) yield (%), (3) characteristic viscosity (for 1% solution of the polymer in cyclohexanone at $40^{\circ}C$) η_{sp}/c .

Температура полимеризации ($^{\circ}C$)	Выход (%)	Характеристическая вязкость $\frac{\eta_{sp}}{c}$
①	②	③
-25	26.0	2.40
-20	36.0	2.00
-15	49.0	1.55
-10	73.0	1.40

Card 3/3

LEGOTSKI, M.; MARKOVICH, M.; PENCHEK, I.; PENCHEK, S.

Synthesis and polymerization of 3, 3'-bis(chloromethyl)oxacyclobutane.
Zhur.pr:ikl.khim. 34 no.3:640-644 Mr '61. (MIRA 14:5)

1. Institut plasticheskikh mass, g. Varshava.
(Oxetane)

PENCHENKO, I.

British workers reject the "pause." Sov. profsoiuzy 18
no.17:39-40 S '62.

(MIRA 15:8)

(Great Britain—Wages)

PENCHENKO, I.

The Fifth World Congress of Trade Unions. Sov.shakht. 10
no.12:37-38 D '61. (MIRA 14:12)
(Trade unions--Congresses)
(Coal miners)

PENCHENKO, I.

Workers of "Krasnyi Proletarii" welcome you. Vsem.prof.dvizh.
no. 5:49-50 My '61. (MIRA 14:6)
(World Federation of Trade Unions--Congresses)
(Moscow--Machine tool industry)

PIENCHENKO, I.

Beware, "The Bronze one!" Sov. profsoiuzy 17 no.19:41-42 0
'61. (MIRA 14:9)
(Espionage, American) (Trade unions)

PENCHENKO, I:

On various continents. Sov. profsoiuzy 16 no.22:59-61 N '60.

(MIRA 14:1)

(Strikes and lockouts)

(Trade unions)

(World politics)

PENCHENKO, Yu.M.; PITAYEVSKIY, L.P.

Effect of an electric field on disturbances around a body moving
in a plasma. Geomag. i aer. 4 no.2:256-259. Mr-Apr '64.

(MIRA 17:4)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya
radiovoln AN SSSR i Institut fizicheskikh problem AN SSSR.

BULGARIA

SHERKOV, Sh., Dr, VIZPB/[not identified]; PENCHEV, B., Dr, TKZS
/[not identified], Knezh.

"Therapy and Prophylaxis of Blackhead of Turkey Chicks"

Sofia, Veterinarna Sbirka, Vol 63, No 1, 1966, pp 10-13.

Abstract: In connection with an outbreak of enterohepatitis (blackhead) among chicks of a turkey flock caused by infection with Histomonas meleagridis, various measures to prevent spread of the infection and to cure the diseased chicks were tried. On the basis of the results obtained, treatment of infected chicks with norsulfazol (sulfazol) and by intramuscular injection of novarsenol is recommended. Furthermore, copper sulfate, hydrochloric acid, and potassium permanganate should be added to the drinking water of the diseased chicks and a solution of these chemicals, which is also used to moisten the feed given to the whole flock as a prophylactic measure. This should be supplemented by dehelminthization of the birds with phenothiazine, isolation of the infected birds, and disinfection.

1/1

- 107 -

PENCHEV, D., inzh.

Cogwheel turning, a new method of gear making. Mashinostroene 13
no.12:12-15 D '64.

1. Scientific Research Institute for the Design, Development,
and Manufacture of Metal-Cutting Machines and Instruments.

PENCHEV, Iv.

Triiodothyronine, a new thyroid hormone, and its therapeutic use.
Suvrem med., Sofia no.12:102-107 '60.

1. Iz Katedrata po endokrinologija i obziana na veshtestvata, ISUL
(Rukov. na katedrata prof. Iv.Penchev)
(TRIIODOTHYRONINE ther)

SONKA, J.; PENCEV, J.

Modifications of blood sugar level following ACTH. Cas.lek.cesk. 90
no.16:486-489 20 Apr 51. (CML 20:8)

1. Of the Biochemical Laboratories of the Third Internal Clinic
(Head—Prof. J. Charvat).

STOIANOV, P., inzh.; PENCHEV, P., dots.

Ferroresonance voltage stabilizer. Radio i televiziia 12
no. 12:369-372 '63.

GYLYBOV, Zh.S. [Gulubov, Zh.]; IVANOV, Il.; PENCHEV, P.; MISHEV, K.;
NEDELCHIEVA, A.; DVORYADKIN, A.I., kand.geograf.nauk [translator];
RETEYUN, Yu.A., red.; BELEVA, M.A., tekhn.red.

[Physical geography of Bulgaria] Fizicheskaya geografiya
Bolgarii. Moskva, Izd-vo inostr.lit-ry, 1960. 361 p. Translated
from the Bulgarian. (MIRA 14:3)

1. Direktor Instituta geografii Bolgarskoy akademii nauk,
chlen-korrespondent Bolgarskoy akademii nauk (for Gylybov).
(Bulgaria--Physical geography)

88773

S/098/60/000/010/002/002
B019/B059

12.3100
15.3000 (1142)

AUTHORS:

Babachev, G. N., Engineer, and Penchev, P. S., Engineer
Resistance to corrosion of cements with ash admixtures from
electrofilters of the type T34 (TEFs)

TITLE:

PERIODICAL: Hidrotekhnicheskoye stroitel'stvo, no. 10, 1960, 26-31

TEXT: Concrete used in hydraulic power plants has to meet particularly high requirements as regards its resistance to corrosion. Research work conducted in the USSR and other countries has shown that the resistance to corrosion of concrete to soft water and to compounds dissolved in water may be improved by admixing active mineral substances (trass, tufa, tripoli, etc.). In Bulgaria, a large quantity of waste ash is produced, belonging to the group of the pozzuolanic admixtures which are a combustion residue from mineral components in coal. These ash particles are of vitreous structure with embedded little gas bubbles. The chief components of these ashes, amounting to a total of 90-95%, are silicon-, aluminum-, and iron oxides. These oxides react with the calcium oxide of concrete and thus determine the properties of the ash, especially its activity. Iron oxide

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Resistance to corrosion of cements ...

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B019/B059

does not react with calcium oxide, as was shown by M. Bakhmutova (Ref. 6) in her experiments. Investigations made by D. Ye. Gorbachev (Ref. 7) showed that calcium oxide absorption from the saturated calcium solution is due to a chemical reaction between calcium oxide and the aluminum- and silicon oxides. This reaction leads to the formation of calcium silicates and calcium aluminates. Thorough investigations led to the conclusion that calcium oxide is the chief reason for concrete corrosion, which fact may serve as an explanation to the useful effect of such ash admixtures. Results of Swiss, German, French, and Yugoslav scientists concerning admixtures of 25-40% of ash are discussed. The data show that such admixtures result in a good resistance to corrosion of concrete, especially in a good resistance to corrosive liquids. Investigations made by Ya. Maksimov (Bulgaria) proved that an ash admixture of up to 40% by weight is technically permissible and also very economical. The authors

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Resistance to corrosion of cements ...

S/098/60/000/010/002/002
B019/B059

Vl. Zaimov and ashes of the factory imeni K. Marks. After comprehensive experimental studies the authors arrived at the following conclusions: In "artificial" water, cements containing admixtures of ashes exhibit a higher resistance to corrosion than Portland cement. In 5% $MgCl_2$ solution,

however, such admixtures of ash reduce the strength of cement, the only exception being ash of the firm imeni St. Kiradzhiyev. The bending strength and the coefficients of resistance to corrosion of the concrete types investigated are given in Table 5. There are 5 tables and 14 references: 9 Soviet-bloc and 3 non-Soviet-bloc.

Legend to Table 5: 1) composition; 1a) cement; 1b) ash; 2) factory supplying the ash; 3) bending strength in kg/cm^2 ; 4) solutions; 4a) tap water; 4b) artificial water; 5) coefficients of resistance to corrosion KC_3 and KC_6 (these coefficients were determined after three or six months from the ratio between the mean bending strength of a specimen immersed in an aggressive solution and that of a specimen immersed in water); 6), 7), and 8) cements of the factories imeni V. Kolarov, "Vulkan", and imeni Vl. Zaimov.

Card 3/4

88773

S/098/60/000/010/002/002

Resistance to corrosion of cements ...

Состав		2 Пеплы тэц	3 Предел прочности при изгибе, кг/см²								5 Коэффициенты стойкости K_{C_2} и K_{C_4}						
a	b		4 Растворы								4 Растворы						
			Питьевая вода			Искусствен- ная вода		5% Na_2SO_4		5% $MgCl_2$		Искусствен- ная вода		5% Na_2SO_4		5% $MgCl_2$	
			25 дней	3 мес.	6 мес.	3 мес.	6 мес.	3 мес.	6 мес.	3 мес.	6 мес.	K_{C_2}	K_{C_4}	K_{C_2}	K_{C_4}	K_{C_2}	K_{C_4}
100	—	„Республика“ Имени Димитрова Имени Сталина	35,8	42,0	43,4	34,0	33,1	0	0	42,5	40,3	0,81	0,76	0	0	1,01	0,93
60	40		37,0	49,5	51,2	61,2	63,7	58,4	61,3	49,8	37,8	1,24	1,24	1,18	1,20	1,00	0,74
60	40		28,5	36,5	36,1	36,3	41,7	34,0	35,0	22,5	26,1	0,93	1,16	0,93	0,97	0,62	0,72
60	40		35,2	43,9	41,7	49,3	51,4	42,9	47,6	34,1	32,9	1,12	1,23	0,98	1,14	0,78	0,79
			6 Цемент завода имени В. Коларова														
100	—	„Марица III“ Имени Ст. Кирад- жнева Имени Ст. Кирад- жнева	—	43,8	39,0	41,1	31,6	16,4	16,8*	44,0	43,7	0,94	0,81	0,37	0,43*	1,01	1,12
60	40		—	31,9	37,0	36,3	35,6	37,9	41,8	26,7	28,6	1,14	0,96	1,19	1,13	0,84	0,77
60	40		1—	33,9	33,3	36,9	33,8	36,4	38,5	32,2	36,5	1,09	1,02	1,07	1,16	0,95	1,10
60	40		2—	30,6	34,5	38,7	36,3	37,1	39,2	31,5	36,6	1,26	1,05	1,21	1,14	1,03	1,06
			8 Цемент завода имени Вл. Займова														
100	—	Имени К. Маркса—1 Имени К. Маркса—2	38,8	39,3	41,5	25,1	21,1	19,1	19,8	45,8	43,4	0,64	0,53	0,49	0,48	1,17	1,05
60	40		21,3	26,4	29,2	—	—	32,6	—	19,2	23,3	—	—	1,23	—	0,72	0,80
60	40		25,1	29,3	31,5	42,7**	—	39,2	—	22,7	25,4	1,40	—	1,34	—	0,78	0,81

Card 4/4

Card 4/4

PENCHENKO, I.

Attempt with inadequate means. Vsem.prof.dvizh. no.6:39 Je '57.
(WOMEN) (MIRA 10:8)

PENCHENKO, I.

The international Confederation of Free Trade Unions publicizes
American "aid." Sov. profsoiuzy 7 no.17:51-52 S '59.

(MIRA 12:11)

(Economic assistance, American)

PHNCHENKO, I.

Miners of capitalist countries fight for their rights. Mast. ugl.
8 no.5:25-26 My '59. (MIRA 12:8)

(Miners)

Penchenko, I.

LYUTIKOV, V.; PENCHENKO, I.

Unaware of competitors' needs. Sov. profsoiuzny 3 no. 9:34-38 S'55.
(MLRA 8:12)

(Donets Basin--Coal mines and mining)

Country : Bulgaria T
 Category : Human and Animal Physiology, The Nervous System
 Abs. Jour. : Ref Zhur Biol., No. 2, 1959, No. 8502
 Author : Delcheva St., Penchev A.
 Institut. : --
 Title : A Method for Investigating Conditioned Motor Reflexes.
 Orig Pub. : Izv. Otd. biol. i med. nauki, Bolg. AN Ser. eks-perim. biol. i med., 1957, No. 1, 169--176
 Abstract : The current breaks in a circuit associated a dog's raising its paw were recorded electro-magnetically. With certain modifications, this method can be used in experiments featuring free movement, as well for recording the amplitude of the motor reaction in olfactory reflexes. --A.M.R.

Card: 1/1

In the far North. p. 8

GEOGRAFIJA. Vol. 6, No. 3, 1956

Sofiya, Bulgaria

So. East European Accessions List

Vol. 5, No. 9

September, 1956

BOULCHEVA, St.; PENCHEV, A.

Effect of summation of constant and rhythmic light stimuli on
ERG in rabbits. Izv. Inst. fiziol. (Sofia) 7:65-80 '64.

PINCHEV, A.

Some peculiarities of the effect of stimuli of changing intensity.
Conditioned reflexes to light and sound stimuli of changing intensity.
Nauch. tr. vissh. med. inst. Sofia 40 no.5:79-93 '61.

1. Predstavena ot prof. T. Gotsev, rukovoditel na Katedrata po fizio-
logia.

(REFLEX CONDITIONED) (SOUNDS) (LIGHT)

IURUKOV, Iv.; PENCHEV, B.

Importance of the vegetables and fruit juices for the nutrition. Priroda
Bulg 11 no. 1:73-78 Ja-F 62.

*

L 41-258-65 ENP(k)/LWT(d)/EWT(m)/ENP(h)/EWP(b)/T/ENP(d)/ENP(1)/ENP(v)/ENP(t) Pf-4

ACCESSION NR: A25001097

H/2005/64/000/012/0012/0015

AUTHOR: Penchay, D. (Engineer)

TITLE: Gear shaping--a new method for machining gears

SOURCE: Mashinostroenie, no 22, 1964, 12-15

TOPIC TAGS: gear hob, shaping machine, machine shop practice

ABSTRACT: The methods for machining gear may be divided into two main groups: copy milling and turning. Gear shaping belongs to the second group. The method was developed by Yu. V. Tikhonov in 1950, and is described in the present article. The method is based on the use of a special tool, which is a gear with a profile that is the inverse of the gear to be machined. The tool is mounted on a lathe and rotates around a fixed axis. The workpiece is mounted on a lathe and rotates around a fixed axis. The tool and the workpiece are moved relative to each other so that the tool's profile matches the workpiece's profile. The method is simple and easy to implement, and it allows for the machining of gears with a wide range of parameters. The article also describes the design of the tool and the process of machining a gear.

ting speed) and cutting angles. It is shown that machining time is 1.5-2 times less than in the milling process and that labor productivity is increased by a factor of 6. Other advantages are accuracy, savings in steel wear per gear specified (from 40 to 60%) and the comparatively simple design of the cutting tool. However, the existing tool is not as universal as the one described in the patent literature.

: Card 1 2/2

L 41253-65

ACCESSION NR: AP5006097

its main application in mass production. Besides this, surface finish is not as high as might be desired in some applications and calculations for the content of the material are not as accurate as those for the material.

ASSOCIATION: NIPKIMI

SUBMITTED: 00

ENCL: 00

SUB CODE: 00

NO REP SOV: 000

OTHER: 000

cc.
Card: 2/2

PENCHEV, Dimitur, inzh., sutrudnik

A new line in cutter dimensioning. Ratsionalizatsiia 14 no. 2:
24-26 '64.

1. NIPKIMMI.

PENCHEV, D.

New machinery for the Bolshevik State Machine Tool Plant. p. 44

PEZHKA PROMISHLENOST. (Ministerstvo na tezhkata promishlenost) Sofia,
Bulgaria, Vol. 8, No. 7, July 1959

Monthly List of East European Accessions (EEAI), IC, Vol. 8, No. 12,
December 1959
Uncl.

PENCHEV, E.

PENCHEV, E. Electric load diagrams. p. 30.

Vol. 5, No. 9, 1956.

LENA PROMISHLENOST.

TECHNOLOGY

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 3, March 1957

PENCHEV, E.

On the eve of signing local contracts for using electric power. p. 24.

Vol. 6, no. 11, Nov. 1955
ELEKTROENERGIJA
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 4 April 1956

PENCHEV, E.

PENCHEV, E. New price list for use of electricity. p.21.

Vol. 7, no. 5, May 1956 ELEKTROENERGILA Sofia, Bulgaria

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10,
Oct. 1956

PENCHEV, E.

"Balancing electric load with consumption." Vol. 5, No. 3/4, Mar./ Apr. 1954, p.26.

Elektroenergiia, Sofiya

SO: Eastern European Accessions List, Vol 3, No. 11, Nov. 1954, L.C.

PENCHEV, EK.

Basic Data Required by the Regulations for the Utilization of Electric
Power. Elektroenergiya (Electric Power), #7-8:47:Jul-Aug 55

PENCHEV, EK.

Before the Conclusion of Local Contracts for the Utilization of Electric Power. Elektroenergiya (Electric Power), #11:24:Nov 55

NEDYALKOV, I.P.; PENCHEV, G.

[Numerical solution of nonregularized Low equations] O chislennom reshenii neregularizovannykh uravnenii Lou. Dubna, Ob"edinenyyi in-t iadernykh issl., 1963. 11 p.
(MIRA 17:7)

L 24331-65 EWT(a) Pg-4 IUP(c)

ACCESSION NR: AT5004299

B/2503/64/012/01-/0143/0151

AUTHOR: Nedyalkov, I.; Penchev, G.

TITLE: On the numerical solution of one class of nonlinear integral equations of the dispersion type

SOURCE: Bulgarska akademiya na naukite, Fizicheski institut. Izvestiya na Fizicheskiya institut s ANED, v. 12, no. 1/2, 1964, 143-151

TOPIC TAGS: nonlinear integral equation, singular integral equation, Low type equation, Chew-Low equation, adiabatic solution, resonance solution

ABSTRACT: The shortcomings of the N/D method and of the Chew-Low-Salzman method for the numerical solution of singular nonlinear integral equations of the Low type, utilizing the preliminary regularization of those equations, are analyzed. The method is presented for the direct numerical solution (without preliminary regularization) of one particular class of Low type integral equations—the Chew-Low equation, which describes the P-wave resulting from the pion-nucleon

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L 24331-65

ACCESSION NR: AT5004250

interaction under the assumption that the nucleon is free, utilizing certain substitution. The method of successive approximations is used to obtain adiabatic and resonance solutions of the Chew-Low equation. It is shown that the adiabatic solution ceases to be analytic when the coupling constant $f^2 = 0.07$. Some numerical results obtained by authors at the Computing Center of the Joint Institute of Nuclear Research at Dubna are presented. Orig. art. has: 2 figures and 11 formulas. [LK]

ASSOCIATION: none

SUBMITTED: 23Jan64

ENCL: 00

SUB CODE: MA

NO REF SOV: 007

OTHER: 004

ATD PRESS: 3179

Cons: 2/3

L 18115-66

ACC NR: AP6010163

SOURCE CODE: BU/0001/65/000/002/0095/0098

AUTHOR: Penchev, Georgi Yord

ORC: none

TITLE: Working conferences of two international groups on algorithmic languages

SOURCE: Bulgarska akademiya na naukite. Spisanie, no. 2, 1965, 95-98

TOPIC TAGS: machine language, algorithm, automatic programming

ABSTRACT: The author reports on the establishment in Warsaw in February of 1962, the development, past meetings, and the last meeting held in March of 1965 in Berlin of two international groups on algorithmic languages established by Bulgaria, Poland, Rumania, USSR, Hungary, Czechoslovakia, and German Democratic Republic. The first is the (Grupa po avtomatizatsiya na programirane na mashini ot sreden tip (GAMS)) Group for the Automation of Programming of Intermediate Type Machines (operative memory from 1000 to 8000

Card 1/2

L 18115-66
ACC NR: AP6010163

commands and an external memory of about 16,000 commands). This group is trying to establish a modified ALGOL-60 language (tentative name - ALGAMS). The second is the (Grupa po algoritmichni ezitsi za prarabotka na ikonomicheska informatsiya (GAYAPEI)) Group for Algorithmic Languages for the Processing of Economic Information. The two languages under consideration here are ALGEX and KOBOLO-GAYAPEI. Bulgarian representatives at the GAMS group are Doc. Bl. Sendov (permanent secretary), Pet'r Bornev, and Mara Apostolova. In the second group participate Pet'r Bornev and Georgi Penchev. Petur Bornev and Georgi Penchev participated in the work at the GAYAPEI BAN [JPRS]

SUB CODE: 05, 12, 09 / SUEM DATE: none

Card 3/3

PENCHEV, I.; KARAILIEV, A.

Elimination of self-interference within the radio receivers. p.59.
(RADIO I TELEVIZHIA, Vol. 6, no. 1, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

PENCHEV, I.

Correct explanation of the action of vacuum-tube generator with electric connections
p.26.

(RADIO I TELEVIZIIA, Vol. 6, no. 2, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

PENCHEV, I., Prof.

Petur Kh. Nikolov; 60th anniversary of his birth and 32nd anniversary of his medical, pedagogical, scientific and social work. Suvrem. med. Sofia 9 no.1:105-107 1958.

(BIOGRAPHIES,

Nikolov, Petur Kh. (Bul))

PENGCHV, Iv.: prof.

Konstantin Nikolov Chilov, (1898-1955). Sovrem.med., Sofia 6 no.1:
3-7 1955.

(OBITUARIES,
Chilov, Konstantin N.)

PENCHEV, Ivan G., prof., direktor na II Vutreshna klinika na ISUL;
NIKOLAEV, Igor A., d-r, ml. nauchan sutrudnik

Distribution of diabetes in Bulgaria. Izv. med. inst., Sofia
Vol. 9-10:233-255 1954.

1. Institut za Klinichna i Obshchestvena Meditsina (Direktor: Akad.
Tsv. Kristanov) pri BAN, Sektsia za Vutreshni Bolesti (Zav.: Chl.-
Koresp. K.Chilov) i II Vutreshna Klinika s Endokrinologiya i Obmiana
na Veshchestvata (Dir.: prof. Iv.Penchev) pri ISUL.
(DIABETES MELLITUS, statistics,
Bulgaria)

PENCHEV, Iv.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Biological Chemistry

③
The pathogenesis of carbohydrate metabolism during chronic hyperthyroidism. Iv. Penchev and D. Andreeva. *Annuaire Acad. Med. "Valko Tcherencov"* 29, 221-54 (1949-50) (Russian summary).—Clinical studies were made in 28 cases. Two consecutive doses of glucose were given orally in aq. soln. and the blood sugar content (I) was detd at intervals during a period of 4 hrs. Blood-sugar curves in mild hyperthyroidism were almost regular. In more advanced cases I increased greatly immediately after the glucose intake and then decreased quite fast; it is suggested that in such cases the disease promoted the resorption of sugars through the walls of the digestive system, while the use of sugar was accelerated because of higher insulin activity. In very advanced cases, after initial increase of I, the level remained high because of impaired liver function. G. M.

PENCHEV, I.D.; SHONKA, I.M.

Anthron test in quantitative determination of blood sugar. Suvrem.
med., Sofia 5 no.6:98-103 1954.

1. Iz Tsentralnata klinichna laboratoriya ISUL (zavezhdashch:
A.Daskalov) i III vutreshna klinika, Praga (direktor: prof.
I.Kharvat)

(BLOOD SUGAR, determination,
anthron test)

(REAGENTS,
anthron test in determ. of blood sugar)

PENCHEV, Iv., Prof.; POPOV, Al.; KOLAROV, Pan.; ANDRMEV, Dim.

Treatment of diabetes mellitus with sulfanilo-uric preparations. Suvrem. med., Sofia 7 no.10:3-20 1956.

1. Iz Klinikata po vutreshni bolesti s endokrinologija i bolesti na obmianata pri ISUL (Direktor: prof. Iv. Penchev).

(UREA, rel. cpds.

sulfonyl ureas in ther. of diabetes mellitus)

(SULFONAMIDES, ther. use

same)

(DIABETES MELLITUS, ther.

sulfonyl ureas)

PENCHEV, Iv., Prof.; ANDREEV, D.

Treatment of diabetes with new sulfanyl urea preparations;
review of literature. Suvrem. med., Sofia 7 no.10:59-69
1956.

(DIABETES MELLITUS, ther.
sulfanyl ureas, review)
(SULFONAMIDES, ther. use
sulfanyl ureas in diabetes mellitus, review)
(UREA, rel. cpds.
same)

PENCHEV, I., D-r.; TSVINSEROVA, Kh., d-r.

Rauwolfia serpentina alkaloid therapy of hypertension. Suvrem. med., Sofia
8 no.10:25-31 1957.

1. Iz Okoliiskia institut na narodnoto zdrave v gr. Varnsdorf.--
Chekhoslavakia Vutreshno otdelenie. (Direktor: d-r I. Penchev).
(RAUWOLFIA ALKALOIDS, therapeutic use,
hypertension (Bul))

PENCHEV, I., Prof.; VURBANOV, V.; PAPAZOV, G.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter in Bulgaria according to a survey of students. Suvrem. med., Sofia 9 no.8:3-18 1958.

1. Nauchna grupa po endokrinologija i bolesti na obmanata pri ISUL-Sofia.

(GOITER, epidemiology,
endemicity in Bulgaria (Bul))

PENCHEV, Iv., prof.; POPOV, Al.; KOLAROV, Pan.; ANDREYEV, Dim. (Sofiya)

Sulfanil urea therapy of diabetes mellitus [with summary in English].
Probl.endok. i gorm. 4 no.6:20-28 N-D '58. (MIRA 12:2)

1. Iz kliniki vnutrennikh bolezney s endokrinologiyey i bolezney
obmena veshchestv Instituta usovershenstvovaniya i spetsializatsii
vrachev (dir. prof. Iv. Penchev).

(ANTIDIABETICS, ther. use,
sulfanilylurea (Rus))

PENCHEV, I.

Early diagnosis of Basedow's disease (thyrotoxicosis, chronic hyperthyroidism). Suvrem.med., Sofia no.6:56-66 '59.

1. Iz Katedrata po endokrinologija i obmiana na veshtestbata pri ISUL. Zav.katedrata: prof. Uv. Penchev.
(HYPERTHYROIDISM diag.)

PENCHEV, Iv.; PAPAZOV, G.; DIMITROVA, IA.; BALABANSKI, I.

On certain characteristics of the appearance, course and therapy of Basedow's disease according to data of the Second Internal Clinic of ISUL during 1953-56. Suvrem.med., Sofia no.6:39-53 '59.

1. Iz Katedrata po endokrinologija i bolesti na obmianata pri ISUL. Zav.katedrata: prof. Iv. Penchev.
(HYPERTHYROIDISM statist)

PENCHEV, I.

On the problem of early forms of endemic (resp. sporadic) goiter and its diagnosis. Suvrem.med., Sofia no.6:25-30 '59.

1. Iz Katedrata po endokrinologija i obmiana na veshtestvata pri ISUL. Zav.katedrata: prof. Iv. Penchev.
(GOITER diag.)

PINCHEV, Iv.; VURBANOV, V.; PAPAZOV, G.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter in the western Sub-Balkan region. Suvrem.med.,
Sofia no.6:8-24 '59.

1. Iz Nauchnata grupa po endokrinologija i bolesti na obmianata
pri ISUL. Nauchen rukovoditel: prof. Iv. Penchev.
(GOITER statist.)

PENCHEV, Iv.; POPOV, A.; TSANEV, A.

Recurrent adrenal carcinoma with periodic restoration of pilosity
in total alopecia. Suvrem med., Sofia no.4:106-111 '60.

1. Iz Katedrata po endokrinologija i bolesti na obmianata ISUL
(Rukov. na katedrata: prof. Iv. Penchev)
(ALOPECIA etiol)
(CUSHING SYNDROME case reports)

PENCHEV, I.; TSANEV, A.; DASHEV, G.

Studies on inhibiting effects of potassium iodide and of thyreoidin on experimental goiter. Suvrem.med., Sofia 2 no.1:15-25 '60.

(THYROID ANTAGONISTS pharmacol.)

(IODIDES pharmacol.)

(GOITER exper.)

PENCHEV, I., prof.; ZOGRAFSKI, S. doktor; DASHEV, G., doktor (Sofiya)

Clinical aspects and surgical treatment of hyperparathyroidism.
Probl.endok. i gorm. no.2:101-108'63. (MIRA 16:7)

1. Iz kafedry endokrinologii i bolezney obmena veshchestv (zav.
prof. I.Penchev) i kafedry gosspital'noy khirurgii (zav. - prof.
K.Stoyanov), Sofiya.

(HYPERPARATHYROIDISM)

~~PENGEV~~, I. [Penchev, I.]; ANDREEV, D.

Comparative studies on the action of sulfanylureas and biguanides of carbohydrate metabolism in diabetics. Doklady BAN 17 no.10:973-976 '64.

1. Association for Endocrinology in the Bulgarian Academy of Sciences. Submitted May 21, 1964.

PENCHEV, Iv.

Prediabetes. Suvr. med. 12 no.11:3-13 '61.

1. Iz Katedrata po endokrinologija i bolesti na obmianata -
ISUL [Institut za spetsializatsiia i usuvurshenstvuvane na
lekarite] (Rukov. na katedrata prof. Iv. Penchev).

(DIABETES MELLITUS)

BULGARIA

G. PAPAHOV and Z. DASHEV, Department of Endocrinology and Metabolism
(Katedra po endokrinologiya i bolesti na obmyana) Head (rukovoditel)
Prof Iv. PENCHEV, Institute for Graduate Medical Studies (ISUL) Sofia.

"Experimental Studies on Thyroid-Gonadal Relationships."

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 2, No 1, Jan-Mar
63; pp 46-51.

Abstract [English summary modified]: Studies in 40 male rats treated
with thyroxin i.p. 0.1 mg./day for 20 days or alkiron [thiouracil drug?]
p.o. 65 mg./Kg. or castrated. Main changes were in the thyroxine rats:
spermatogenic arrest, degenerative changes in Sertoli cells. No thyroid
changes in castrated rats, no testicular changes in alkiron-treated ones.
Two tables, 2 photomicrographs; 6 Western references.

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4

Medicine, Miscellaneous

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920003-2"

UZUNOV, G., Academician, PENCHEV, Iv., Corresponding Member

"Coordination of Medical Sciences and the Prospects for Their Development
Within the System of the Bulgarian Academy of Sciences"

Sofia, Spisanie na Bulgarskata Akademiya na Naukite, Vol 10, No 4, 1965
pp 3-30

Abstract: In this paper presented in a somewhat expanded form on 15 Dec 1965
to the joint session of the Presidium of the Bulgarian Academy of Sciences
(BAS) and the Scientific-Medical Council (SMC) at the Ministry of Popular
Health and Social Welfare (MPHSW), the authors discuss in considerable length
1) the past guidance of the medical sciences by the SMC at the MPHSW - its
success and shortcomings; 2) the Department of Medical Sciences at the BAS
(Institute of Morphology, Physiology, and Food, Central Laboratory for the
Problems of Regeneration, Scientific Groups for the study of epilepsy,
hypertension, diabetes, and bone tumor) and 3) the prospects for the future
development of the Department of Medical Sciences (improvements in the medical
practice, medical virology, clinical biochemistry and enzymology, allergology,
experimental pharmacology and chemotherapy, experimental surgery, treatment
of central nervous system, and hygiene). The article proposes the creation
of several laboratories and problem groups. No references.

PENCHEV, Iv., prof.; DOKUMOV, St., doktor (Bolgariya)

Description and classification of true hermaphroditism; case
report. 14a Probl. endok. i gorm. 8 no.2:118-126 Mr-Apr'62.
(MIRA 16:7)

1. Iz kafedry endokrinologii i bolezney obmena veshchestv In-
stituta spetsializatsii i usovershenstvovaniya vrachey (dir.-
prof. Iv.Penchev).
(HERMAPHRODITISM)

PENCHEV, A.

Electroretinogram in light stimulation with variable intensity.
Izv. inst. fiziol. (Sofia) 6:161-169 '63.

(ELECTRORETINOGRAPHY) (LIGHT)

PENCHEV, A.; BELCHEVA, St.

Effect of summation of a continuous and brief light stimulation
on the electroretinogram in the frog. Izv. inst. fiziol.
(Sofia) 6:171-178 '63.

(ELECTRORETINOGRAPHY) (LIGHT)

COUNTRY : CZECHOSLOVAKIA ✓
CATEGORY : Pharmacology, Toxicology. Chemotherapeutic Preparations,
Antihelminthic Substances
ABS. JOUR. : RZhBiol., No. 12 1958, No. 56847
AUTHOR : Pancey, J.
INST. : -
TITLE : The Treatment of Tenia Infestation with Atabrine

ORIG. PUB. : Vnitri Lekarstvi, 1957, Vol.3, No.9, 828-830
ABSTRACT : No abstract.

Cord: 1/1

PENCHEV, I.

PENCHEV, I. How to eliminate some self-excitations in the radio receiver for concert music. p. 20. Vol. 5, no. 11, 1956 ELEKTROENERGIJA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957